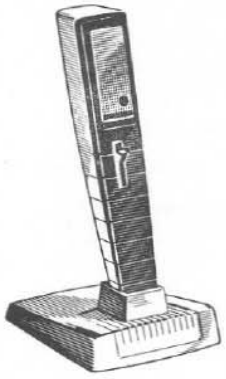

The Electro-Voice Models 727 and 727SR Microphones are ceramic omnidirectional types designed for public address, call and paging systems, dictating machines, home recorders, radio amateurs, and general communication. Their small, slim size makes them easy to handle and gives an attractive appearance.

The Models 727 and 727SR are mounted in sturdy-diecast metal and plastic cases, designed primarily for carrying in the hand. Slip-in diecast desk stand is included for table-top use plus 5/8"-27 floor stand adapter.

SPECIFICATIONS

TYPE: Ceramic

FREQUENCY RESPONSE: 60 to 8,000 cps

IMPEDANCE: High impedance. Can be used with any standard amplifier employing high impedance input. It is recommended that the output of the Model 727 and 727SR be fed into the grid of the first tube across a resistance of no less than .5 megohm.

OUTPUT LEVEL: —55 db (0 db —1 volt/dyne/cm²); EIA sensitivity rating, —155 db.

POLAR PATTERN: Essentially omnidirectional, becoming directional in the high-frequency range.

ON-OFF SWITCH: (727SR only) Leaf-type switch removes short from microphone circuit in "On" position and closes relay circuit.

CASE: Pressure diecast front and plastic back.

FINISH: Metalustre gray front and medium gray back.

DIMENSIONS: Width: 1-7/16 inches, Depth: 1-11/32 inches, Length: 7-11/16 inches.

NET WEIGHT: 14 ounces including cable.

CABLE: 727 — 8½-ft. single-conductor, shielded, plastic jacketed. Equipped with internal strain relief to prevent cable breakage.
727SR — 8½-ft. 3 conductor, one shielded.

TEMPERATURE: Withstands wide variations of temperature and humidity.

ACCESSORIES: Desk stand and floor stand adapter.

WARRANTY: The Electro-Voice Models 727 and 727SR Microphones are guaranteed against defects in workmanship and material.

Architects' and Engineers' Specifications

(The following specifications may be used when Model 727SR is required by substituting model number 727SR for model number 727.)

The microphone shall be an Electro-Voice Model 727 or equivalent. The microphone shall be a pressure, ceramic type with a uniform frequency response from 60 to 8000 cps. The microphone shall be omnidirectional becoming slightly directional at high frequencies. The microphone shall have a high-impedance output. The high-impedance output level shall be a —55 db with 0 db equaling 1 volt/dyne/cm². The EIA sensitivity rating shall be —155 db.

The case shall be of high-pressure diecast zinc front with plastic back. The microphone shall have a maximum net weight of 14 ozs. including cable. A 8½-ft. single-conductor, shielded cable shall be provided. (727SR supplied with 3 conductors, one shielded.)

(When Model 727SR is required add the following sentence to the Architects' and Engineers' Specifications.)

The Model 727SR microphone or equivalent shall have an OFF-ON switch utilizing a leaf-type switch that short circuits the microphone output in the "OFF" position and opens a SPST relay control switch.

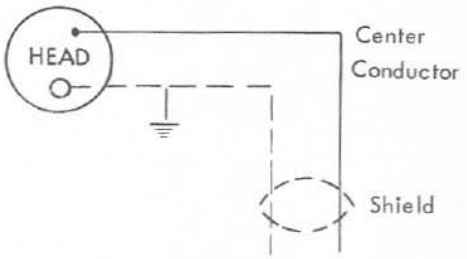

Figure 1 — Model 727 Wiring Diagram

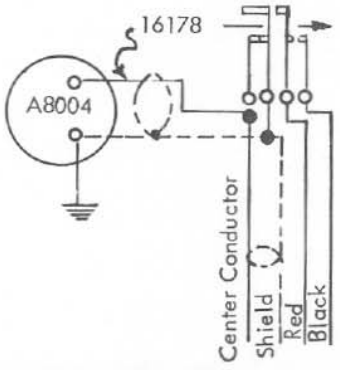

Figure 2 — Model 727SR Wiring Diagram

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